

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/553,729  
Source: PC/10  
Date Processed by STIC: 11/3/05

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

## RAW SEQUENCE LISTING

DATE: 11/03/2005

PATENT APPLICATION: US/10/553,729

TIME: 08:26:13

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt

Output Set: N:\CRF4\11032005\J553729.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.  
 4 McSwiggen, James  
 5 Chowira, Bharat  
 6 Haeberli, Peter  
 8 <120> TITLE OF INVENTION: Interference Mediated Inhibition of Severe Acute Respiratory  
 9 Syndrome (SARS) Virus Gene Expression Using Short Interfering  
 10 Nucleic Acid (siNA)  
 12 <130> FILE REFERENCE: 400/110 (MBHB03-344-A)  
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/553,729  
 C--> 15 <141> CURRENT FILING DATE: 2005-10-14  
 17 <160> NUMBER OF SEQ ID NOS: 3392  
 19 <170> SOFTWARE: PatentIn version 3.3  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 19  
 23 <212> TYPE: RNA  
 24 <213> ORGANISM: Artificial Sequence  
 26 <220> FEATURE:  
 27 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 29 <400> SEQUENCE: 1  
 30 acccaggaaa agccaacca 19  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 19  
 35 <212> TYPE: RNA  
 36 <213> ORGANISM: Artificial Sequence  
 38 <220> FEATURE:  
 39 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 41 <400> SEQUENCE: 2  
 42 aaccucgauc ucuuguaga 19  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 19  
 47 <212> TYPE: RNA  
 48 <213> ORGANISM: Artificial Sequence  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 53 <400> SEQUENCE: 3  
 54 aucuguucuc uaaacgaac 19  
 57 <210> SEQ ID NO: 4  
 58 <211> LENGTH: 19  
 59 <212> TYPE: RNA  
 60 <213> ORGANISM: Artificial Sequence  
 62 <220> FEATURE:

see pp 11-13

63 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
65 <400> SEQUENCE: 4

## RAW SEQUENCE LISTING

DATE: 11/03/2005

PATENT APPLICATION: US/10/553,729

TIME: 08:26:13

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt

Output Set: N:\CRF4\11032005\J553729.raw

```

66 cuuuaaaaauc uguguagcu 19
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 19
71 <212> TYPE: RNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
77 <400> SEQUENCE: 5
78 ugucgcucgg cugcaugcc 19
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 19
83 <212> TYPE: RNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
89 <400> SEQUENCE: 6
90 cuagugcacc uacgcagua 19
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 19
95 <212> TYPE: RNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
101 <400> SEQUENCE: 7
102 auaaacaaua auaaauuuu 19
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 19
107 <212> TYPE: RNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
113 <400> SEQUENCE: 8
114 uacugucguu gacaagaaa 19
117 <210> SEQ ID NO: 9
118 <211> LENGTH: 19
119 <212> TYPE: RNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
125 <400> SEQUENCE: 9
126 acgaguaacu cgucccucu 19
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 19
131 <212> TYPE: RNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

```

137 <400> SEQUENCE: 10  
138 uucugcagac ugcuuacgg

19

## RAW SEQUENCE LISTING

DATE: 11/03/2005

PATENT APPLICATION: US/10/553,729

TIME: 08:26:13

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt

Output Set: N:\CRF4\11032005\J553729.raw

```

141 <210> SEQ ID NO: 11
142 <211> LENGTH: 19
143 <212> TYPE: RNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
149 <400> SEQUENCE: 11
150 guuucguccg uguugcagu 19
153 <210> SEQ ID NO: 12
154 <211> LENGTH: 19
155 <212> TYPE: RNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
161 <400> SEQUENCE: 12
162 ucgaucauca gcuaaccua 19
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 19
167 <212> TYPE: RNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
173 <400> SEQUENCE: 13
174 agguuucguc cggguguga 19
177 <210> SEQ ID NO: 14
178 <211> LENGTH: 19
179 <212> TYPE: RNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
185 <400> SEQUENCE: 14
186 accgaaaggu aagauggag 19
189 <210> SEQ ID NO: 15
190 <211> LENGTH: 19
191 <212> TYPE: RNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
197 <400> SEQUENCE: 15
198 gagccuuguu cuugguguc 19
201 <210> SEQ ID NO: 16
202 <211> LENGTH: 19
203 <212> TYPE: RNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
209 <400> SEQUENCE: 16

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210 caacgagaaa acacacguc  
213 <210> SEQ ID NO: 17

19

## RAW SEQUENCE LISTING

DATE: 11/03/2005

PATENT APPLICATION: US/10/553,729

TIME: 08:26:13

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt

Output Set: N:\CRF4\11032005\J553729.raw

```

214 <211> LENGTH: 19
215 <212> TYPE: RNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
221 <400> SEQUENCE: 17
222 ccaacucagu uugccuguc 19
225 <210> SEQ ID NO: 18
226 <211> LENGTH: 19
227 <212> TYPE: RNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
233 <400> SEQUENCE: 18
234 ccuucagguu agagacgug 19
237 <210> SEQ ID NO: 19
238 <211> LENGTH: 19
239 <212> TYPE: RNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
245 <400> SEQUENCE: 19
246 gcuagugcgu ggcucggg 19
249 <210> SEQ ID NO: 20
250 <211> LENGTH: 19
251 <212> TYPE: RNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
257 <400> SEQUENCE: 20
258 ggacucugug gaagaggcc 19
261 <210> SEQ ID NO: 21
262 <211> LENGTH: 19
263 <212> TYPE: RNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
269 <400> SEQUENCE: 21
270 ccuauaggag gcacgugaa 19
273 <210> SEQ ID NO: 22
274 <211> LENGTH: 19
275 <212> TYPE: RNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
281 <400> SEQUENCE: 22
282 acaccucaa aauggcacu 19

```



285 <210> SEQ ID NO: 23  
286 <211> LENGTH: 19

## RAW SEQUENCE LISTING

DATE: 11/03/2005

PATENT APPLICATION: US/10/553,729

TIME: 08:26:13

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt

Output Set: N:\CRF4\11032005\J553729.raw

```

287 <212> TYPE: RNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
293 <400> SEQUENCE: 23
294 uuguggucua guagagcug 19
297 <210> SEQ ID NO: 24
298 <211> LENGTH: 19
299 <212> TYPE: RNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
305 <400> SEQUENCE: 24
306 ggaaaaaggc guacugccc 19
309 <210> SEQ ID NO: 25
310 <211> LENGTH: 19
311 <212> TYPE: RNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
317 <400> SEQUENCE: 25
318 ccagcuugaa cagcccuau 19
321 <210> SEQ ID NO: 26
322 <211> LENGTH: 19
323 <212> TYPE: RNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
329 <400> SEQUENCE: 26
330 ugugucauu aaacguucu 19
333 <210> SEQ ID NO: 27
334 <211> LENGTH: 19
335 <212> TYPE: RNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
341 <400> SEQUENCE: 27
342 ugaugccuua agcaccaau 19
345 <210> SEQ ID NO: 28
346 <211> LENGTH: 19
347 <212> TYPE: RNA
348 <213> ORGANISM: Artificial Sequence
350 <220> FEATURE:
351 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
353 <400> SEQUENCE: 28
354 ucacggccac aaggucguu 19
357 <210> SEQ ID NO: 29

```

358 <211> LENGTH: 19  
359 <212> TYPE: RNA

<210> 3311  
 <211> 21  
 <212> RNA  
 <213> Artificial  
 <220>  
 <223> Description of Artificial Sequence: siNA sense region  
 <220>  
 <221> misc\_feature  
 <222> (20)..(21)  
 <223> n stands for thymidine  
 <400> 3311  
 aaugaagagg uugccaucan n

thymidine cannot be  
 shown in an RNA  
 sequence

21

This error appears in  
 subsequent sequences, too.

For a combined DNA/RNA sequence,  
 use <212> DNA and explain in  
 <220>-<223> section.

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005  
TIME: 08:26:14

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
Output Set: N:\CRF4\11032005\J553729.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3311; N Pos. 20,21  
Seq#:3312; N Pos. 20,21  
Seq#:3313; N Pos. 20,21  
Seq#:3314; N Pos. 20,21  
Seq#:3315; N Pos. 20,21  
Seq#:3316; N Pos. 20,21  
Seq#:3317; N Pos. 20,21  
Seq#:3318; N Pos. 20,21  
Seq#:3319; N Pos. 20,21  
Seq#:3320; N Pos. 20,21  
Seq#:3321; N Pos. 20,21  
Seq#:3322; N Pos. 20,21  
Seq#:3323; N Pos. 20,21  
Seq#:3324; N Pos. 20,21  
Seq#:3325; N Pos. 20,21  
Seq#:3326; N Pos. 20,21  
Seq#:3327; N Pos. 20,21  
Seq#:3328; N Pos. 20,21  
Seq#:3329; N Pos. 20,21  
Seq#:3330; N Pos. 20,21  
Seq#:3331; N Pos. 20,21  
Seq#:3332; N Pos. 20,21  
Seq#:3333; N Pos. 20,21  
Seq#:3334; N Pos. 20,21  
Seq#:3335; N Pos. 20,21  
Seq#:3336; N Pos. 20,21  
Seq#:3337; N Pos. 20,21  
Seq#:3338; N Pos. 20,21  
Seq#:3339; N Pos. 20,21  
Seq#:3340; N Pos. 20,21  
Seq#:3341; N Pos. 20,21  
Seq#:3342; N Pos. 20,21  
Seq#:3343; N Pos. 20,21  
Seq#:3344; N Pos. 20,21  
Seq#:3345; N Pos. 20,21  
Seq#:3346; N Pos. 20,21  
Seq#:3347; N Pos. 20,21  
Seq#:3348; N Pos. 20,21  
Seq#:3349; N Pos. 20,21  
Seq#:3350; N Pos. 20,21  
Seq#:3351; N Pos. 20,21  
Seq#:3352; N Pos. 20,21  
Seq#:3353; N Pos. 20,21  
Seq#:3354; N Pos. 20,21

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005  
TIME: 08:26:14

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
Output Set: N:\CRF4\11032005\J553729.raw

Seq#:3355; N Pos. 20,21  
Seq#:3356; N Pos. 20,21  
Seq#:3357; N Pos. 20,21  
Seq#:3358; N Pos. 20,21  
Seq#:3359; N Pos. 20,21  
Seq#:3360; N Pos. 20,21  
Seq#:3361; N Pos. 20,21  
Seq#:3362; N Pos. 20,21  
Seq#:3363; N Pos. 20,21  
Seq#:3364; N Pos. 20,21  
Seq#:3365; N Pos. 20,21  
Seq#:3366; N Pos. 20,21  
Seq#:3367; N Pos. 20,21  
Seq#:3368; N Pos. 20,21  
Seq#:3369; N Pos. 20,21  
Seq#:3370; N Pos. 20,21  
Seq#:3371; N Pos. 20,21  
Seq#:3372; N Pos. 20,21  
Seq#:3373; N Pos. 20,21  
Seq#:3374; N Pos. 20,21  
Seq#:3375; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3376; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3377; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3378; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3379; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3380; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3381; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3382; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3383; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3384; N Pos. 20,21  
Seq#:3385; N Pos. 20,21  
Seq#:3386; N Pos. 20,21  
Seq#:3387; N Pos. 20,21  
Seq#:3388; N Pos. 20,21  
Seq#:3389; N Pos. 20,21  
Seq#:3390; N Pos. 20,21  
Seq#:3391; N Pos. 20,21  
Seq#:3392; N Pos. 20,21

**Invalid <213> Response:**

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3311,3312,3313,3314,3315,3316,3317,3318,3319,3320,3321,3322,3323,3324  
Seq#:3325,3326,3327,3328,3329,3330,3331,3332,3333,3334,3335,3336,3337,3338  
Seq#:3339,3340,3341,3342,3343,3344,3345,3346,3347,3348,3349,3350,3351,3352  
Seq#:3353,3354,3355,3356,3357,3358,3359,3360,3361,3362,3363,3364,3365,3366  
Seq#:3367,3368,3369,3370,3371,3372,3373,3374

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005

TIME: 08:26:14

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt

Output Set: N:\CRF4\11032005\J553729.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number  
 L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:39757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3311 after pos.:0  
 L:39775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3312 after pos.:0  
 L:39793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3313 after pos.:0  
 L:39811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3314 after pos.:0  
 L:39829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3315 after pos.:0  
 L:39847 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3316 after pos.:0  
 L:39865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3317 after pos.:0  
 L:39883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3318 after pos.:0  
 L:39901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3319 after pos.:0  
 L:39919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3320 after pos.:0  
 L:39937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3321 after pos.:0  
 L:39955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3322 after pos.:0  
 L:39973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3323 after pos.:0  
 L:39991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3324 after pos.:0  
 L:40009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3325 after pos.:0  
 L:40027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3326 after pos.:0  
 L:40075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3327 after pos.:0  
 L:40128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3328 after pos.:0  
 L:40176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3329 after pos.:0  
 L:40234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3330 after pos.:0  
 L:40297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3331 after pos.:0  
 L:40360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3332 after pos.:0  
 L:40407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3333 after pos.:0  
 L:40450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3334 after pos.:0  
 L:40498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3335 after pos.:0  
 L:40550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3336 after pos.:0  
 L:40588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3337 after pos.:0  
 L:40646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3338 after pos.:0  
 L:40699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3339 after pos.:0  
 L:40752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3340 after pos.:0  
 L:40795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3341 after pos.:0  
 L:40828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3342 after pos.:0  
 L:40901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3343 after pos.:0  
 L:40979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3344 after pos.:0  
 L:41042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3345 after pos.:0  
 L:41134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3346 after pos.:0  
 L:41227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3347 after pos.:0  
 L:41320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3348 after pos.:0  
 L:41387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3349 after pos.:0  
 L:41444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3350 after pos.:0  
 L:41512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3351 after pos.:0  
 L:41585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3352 after pos.:0  
 L:41643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3353 after pos.:0  
 L:41726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3354 after pos.:0  
 L:41814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3355 after pos.:0  
 L:41902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3356 after pos.:0

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005

TIME: 08:26:14

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt

Output Set: N:\CRF4\11032005\J553729.raw

L:41960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3357 after pos.:0  
 L:42008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3358 after pos.:0  
 L:42076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3359 after pos.:0  
 L:42149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3360 after pos.:0  
 L:42207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3361 after pos.:0  
 L:42290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3362 after pos.:0  
 L:42378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3363 after pos.:0  
 L:42466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3364 after pos.:0  
 L:42528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3365 after pos.:0  
 L:42576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3366 after pos.:0  
 L:42644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3367 after pos.:0  
 L:42722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3368 after pos.:0  
 L:42780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3369 after pos.:0  
 L:42863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3370 after pos.:0  
 L:42951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3371 after pos.:0  
 L:43039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3372 after pos.:0  
 L:43097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3373 after pos.:0  
 L:43145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3374 after pos.:0  
 L:43174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3375 after pos.:0  
 L:43201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3376 after pos.:0  
 L:43229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3377 after pos.:0  
 L:43262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3378 after pos.:0  
 L:43295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3379 after pos.:0  
 L:43328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3380 after pos.:0  
 L:43361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3381 after pos.:0  
 L:43394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3382 after pos.:0  
 L:43427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3383 after pos.:0  
 L:43454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3384 after pos.:0  
 L:43481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3385 after pos.:0  
 L:43543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3386 after pos.:0  
 L:43615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3387 after pos.:0  
 L:43662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3388 after pos.:0  
 L:43714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3389 after pos.:0  
 L:43761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3390 after pos.:0  
 L:43808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3391 after pos.:0  
 L:43860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3392 after pos.:0